

R307. Environmental Quality, Air Quality.**R307-356. Natural Gas-Fired Water Heaters, Fan-Type Central Furnaces, Gas Fireplaces, and Gas Stoves.****R307-356-1. Purpose.**

The purpose of R307-356 is to reduce nitrous oxide (NO_x), and volatile organic compound (VOC) emissions from natural gas-fired water heaters, fan-type central furnaces, gas fireplaces, and gas stoves.

R307-356-2. Applicability.

R307-356 applies to manufacturers, distributors, retailers, and installers of residential, institutional, and commercial natural gas-fired water heaters, fan-type central furnaces, fireplaces, stoves, and cooktops, and applies only in Box Elder, Cache, Davis, Salt Lake, Tooele, Utah, and Weber counties.

R307-356-3. Exemptions.

The requirements of R307-356 shall not apply to:

- (1) Units using a fuel other than natural gas;
- (2) Units used in recreational vehicles; or
- (3) Units manufactured in Box Elder, Davis, Cache, Weber, Salt Lake, and Utah counties that are for shipment and use outside of those counties.

R307-356-4. Definitions.

The following additional definitions apply to R307-356:

"Fan type central furnace" means a self-contained space heater providing for circulation of heated air at pressures other than atmospheric through ducts more than ten inches in length that have:

- (1) Rated heat input capacity of less than 175,000 BTU per hour; or
- (2) For combination heating and cooling units, a cooling rate of less than 65,000 BTU per hour.

"Rated heat input capacity" means the gross heat input capacity specified on the nameplate of either the unit or the burner.

"Recreational vehicle" means a motor home, travel trailer, truck camper, or camping trailer, with or without motive power, designed for human habitation for recreational, emergency, or other occupancy.

"Water heater" means a device with heat input rates less than 75,000 BTU per hour that heats water at a thermostatically-controlled temperature for delivery on demand. Water is heated by the combustion of either liquid or gaseous fuel and withdrawn for use external to the vessel at

1 pressures not exceeding 160 psig. The device includes the
2 apparatus by which heat is generated and all controls and
3 equipment necessary to prevent water temperatures from exceeding
4 210 degrees Fahrenheit.

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6 **R307-356-4. General Provisions for Nitrogen Oxides.**

7 On or after January 1, 2014, no person shall manufacture
8 for sale, distribute, sell, offer for sale, or install any
9 natural gas-fired water heaters, fan-type central furnaces, gas
10 fireplaces, or gas stoves that require the use of a pilot light
11 for ignition.

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14 **KEY: pilot light,**

15 **Date of Enactment or Last Substantive Amendment: 2012**

16 **Authorizing, and Implemented or Interpreted Law: 19-2-101; 19-2-**
17 **104**

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